Administrator@DESKTOP-I16IA9O MINGW64 ~/Downloads/dockerkeypair (master)

$ chmod 400 "dockerkey.pem"

Administrator@DESKTOP-I16IA9O MINGW64 ~/Downloads/dockerkeypair (master)

$ ssh -i "dockerkey.pem" ec2-user@ec2-54-82-76-22.compute-1.amazonaws.com

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~\\_ ####\_ Amazon Linux 2023

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Last login: Wed Mar 19 14:10:17 2025 from 117.192.68.6

[ec2-user@ip-172-31-16-33 ~]$ sudo su

[root@ip-172-31-16-33 ec2-user]# docker --version

Docker version 25.0.8, build 0bab007

[root@ip-172-31-16-33 ec2-user]# service docker start

Redirecting to /bin/systemctl start docker.service

[root@ip-172-31-16-33 ec2-user]# cd /var/lib/docker

[root@ip-172-31-16-33 docker]# ls

buildkit containers engine-id image network overlay2 plugins runtimes swarm tmp volumes

[root@ip-172-31-16-33 docker]# cd /home/ec2-user

[root@ip-172-31-16-33 ec2-user]# docker login

Authenticating with existing credentials...

WARNING! Your password will be stored unencrypted in /root/.docker/config.json.

Configure a credential helper to remove this warning. See

https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded

[root@ip-172-31-16-33 ec2-user]# docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

chandralekha2711/prod gradle2 483b095822f0 2 weeks ago 800MB

gradle latest 483b095822f0 2 weeks ago 800MB

chandralekha2711/dev nginx1 53a18edff809 5 weeks ago 192MB

nginx latest 53a18edff809 5 weeks ago 192MB

chandralekha2711/qa python1 e6c8fe2e1108 6 weeks ago 1.02GB

python latest e6c8fe2e1108 6 weeks ago 1.02GB

[root@ip-172-31-16-33 ec2-user]# docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

4595382d0e9e e6c8fe2e1108 "python3" 19 minutes ago Up 19 minutes 0.0.0.0:8080->5000/tcp, :::8080->5000/tcp python1

[root@ip-172-31-16-33 ec2-user]# docker stop python1

python1

[root@ip-172-31-16-33 ec2-user]# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

4595382d0e9e e6c8fe2e1108 "python3" 19 minutes ago Exited (137) 8 seconds ago python1

19cc8b992d74 483b095822f0 "/\_\_cacert\_entrypoin…" 5 hours ago Exited (0) 4 hours ago gradle2

c6044e977201 53a18edff809 "/docker-entrypoint.…" 9 hours ago Exited (0) 5 hours ago nginx1

[root@ip-172-31-16-33 ec2-user]# docker start nginx1

nginx1

[root@ip-172-31-16-33 ec2-user]# docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

c6044e977201 53a18edff809 "/docker-entrypoint.…" 9 hours ago Up 8 seconds 0.0.0.0:40->80/tcp, :::40->80/tcp nginx1

[root@ip-172-31-16-33 ec2-user]# docker pull httpd

Using default tag: latest

latest: Pulling from library/httpd

6e909acdb790: Already exists

9f9b03a66afb: Pull complete

4f4fb700ef54: Pull complete

09bf08b13dbd: Pull complete

084c58879b9a: Pull complete

c61868f0ad74: Pull complete

Digest: sha256:391a8eb0c1ed464163da46099606a5ec293705118f3054d6c60f5957e2485bd0

Status: Downloaded newer image for httpd:latest

docker.io/library/httpd:latest

[root@ip-172-31-16-33 ec2-user]# docker run -itd --name my-running-app -p 8080:80 http2

Unable to find image 'http2:latest' locally

docker: Error response from daemon: pull access denied for http2, repository does not exist or may require 'docker login': denied: requested access to the resource is denied.

See 'docker run --help'.

[root@ip-172-31-16-33 ec2-user]# docker login

Authenticating with existing credentials...

WARNING! Your password will be stored unencrypted in /root/.docker/config.json.

Configure a credential helper to remove this warning. See

https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded

[root@ip-172-31-16-33 ec2-user]# docker run -itd --name my-running-app -p 8080:80 http2

Unable to find image 'http2:latest' locally

docker: Error response from daemon: pull access denied for http2, repository does not exist or may require 'docker login': denied: requested access to the resource is denied.

See 'docker run --help'.

[root@ip-172-31-16-33 ec2-user]# docker run -itd --name my-running-app -p 8080:80 httpd

1e16fb18f650be8f413eeeb65433072e34b87d5f2a7d67ecbe92ad4b7d488adc

[root@ip-172-31-16-33 ec2-user]# docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

1e16fb18f650 httpd "httpd-foreground" 7 seconds ago Up 7 seconds 0.0.0.0:8080->80/tcp, :::8080->80/tcp my-running-app

c6044e977201 53a18edff809 "/docker-entrypoint.…" 9 hours ago Up 5 minutes 0.0.0.0:40->80/tcp, :::40->80/tcp nginx1

[root@ip-172-31-16-33 ec2-user]# docker stop nginx1

nginx1

[root@ip-172-31-16-33 ec2-user]# docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

chandralekha2711/prod gradle2 483b095822f0 2 weeks ago 800MB

gradle latest 483b095822f0 2 weeks ago 800MB

chandralekha2711/dev nginx1 53a18edff809 5 weeks ago 192MB

nginx latest 53a18edff809 5 weeks ago 192MB

python latest e6c8fe2e1108 6 weeks ago 1.02GB

chandralekha2711/qa python1 e6c8fe2e1108 6 weeks ago 1.02GB

httpd latest 83d938198316 7 weeks ago 148MB

[root@ip-172-31-16-33 ec2-user]# docker tag httpd:latest chandralekha2711/dev:httpd1

[root@ip-172-31-16-33 ec2-user]# docker push chandralekha2711/dev:httpd1

The push refers to repository [docker.io/chandralekha2711/dev]

5484e7e6dc35: Mounted from library/httpd

0b299f5d4d9d: Mounted from library/httpd

02c3bb18a571: Mounted from library/httpd

5f70bf18a086: Mounted from chandralekha2711/prod

126f2961f9c2: Mounted from library/httpd

1287fbecdfcc: Layer already exists

httpd1: digest: sha256:7dc62d5c1c942d2e508542f85e2c1da96b5efffb1eb747adfffd84953466665b size: 1572

[root@ip-172-31-16-33 ec2-user]#



[root@ip-172-31-16-33 ec2-user]# docker pull caddy

Using default tag: latest

latest: Pulling from library/caddy

0a9a5dfd008f: Pull complete

9c63ec053486: Pull complete

6fd3ccaa8d5e: Pull complete

b8a5ec399796: Pull complete

4f4fb700ef54: Pull complete

Digest: sha256:cd261fc62394f1ff0b44f16eb1d202b4e71d5365c9ec866a4f1a9c5a52da9352

Status: Downloaded newer image for caddy:latest

docker.io/library/caddy:latest

[root@ip-172-31-16-33 ec2-user]# docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

chandralekha2711/prod gradle2 483b095822f0 2 weeks ago 800MB

gradle latest 483b095822f0 2 weeks ago 800MB

chandralekha2711/dev nginx1 53a18edff809 5 weeks ago 192MB

nginx latest 53a18edff809 5 weeks ago 192MB

chandralekha2711/qa python1 e6c8fe2e1108 6 weeks ago 1.02GB

python latest e6c8fe2e1108 6 weeks ago 1.02GB

chandralekha2711/dev httpd1 83d938198316 7 weeks ago 148MB

httpd latest 83d938198316 7 weeks ago 148MB

caddy latest 51f0c496a59a 2 months ago 48.5MB

[root@ip-172-31-16-33 ec2-user]# docker run -itd --name caddy1 -p 443:443 caddy

b68f8cbe5e4841f5ea51d7a7b5dcf41b27364ad1766413361e94d02f4f2bdbe5

[root@ip-172-31-16-33 ec2-user]# docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

b68f8cbe5e48 caddy "caddy run --config …" 9 seconds ago Up 8 seconds 80/tcp, 2019/tcp, 443/udp, 0.0.0.0:443->443/tcp, :::443->443/tcp caddy1

1e16fb18f650 httpd "httpd-foreground" 20 minutes ago Up 20 minutes 0.0.0.0:8080->80/tcp, :::8080->80/tcp my-running-app

[root@ip-172-31-16-33 ec2-user]# docker stop my-running-app

my-running-app

[root@ip-172-31-16-33 ec2-user]# docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

b68f8cbe5e48 caddy "caddy run --config …" 48 seconds ago Up 47 seconds 80/tcp, 2019/tcp, 443/udp, 0.0.0.0:443->443/tcp, :::443->443/tcp caddy1

[root@ip-172-31-16-33 ec2-user]# docker tag caddy:latest chandralekha2711/dev:caddy1

[root@ip-172-31-16-33 ec2-user]# docker push chandralekha2711/dev:caddy1

The push refers to repository [docker.io/chandralekha2711/dev]

5f70bf18a086: Layer already exists

26e588936412: Mounted from library/caddy

8a0bcf2e26fd: Mounted from library/caddy

3968eff31c23: Mounted from library/caddy

994456c4fd7b: Mounted from library/caddy

caddy1: digest: sha256:c83d0d11fef75c3012bac617faeca3dedca421688f597d55752d9c24e3746c11 size: 1364

[root@ip-172-31-16-33 ec2-user]# docker stop caddy1

caddy1

[root@ip-172-31-16-33 ec2-user]# docker rm caddy1

caddy1

[root@ip-172-31-16-33 ec2-user]# docker run -itd --name caddy1 -p 443:80 caddy

230ea67bcf8c1c47f3ab31e36ddbab365cf8befedda769d8f5214133b83f6115

[root@ip-172-31-16-33 ec2-user]# docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

230ea67bcf8c caddy "caddy run --config …" 9 seconds ago Up 8 seconds 443/tcp, 2019/tcp, 443/udp, 0.0.0.0:443->80/tcp, :::443->80/tcp caddy1

[root@ip-172-31-16-33 ec2-user]#

